

The use of precision monitoring in animal research

Precision monitoring (PM) in pig housing, health & welfare research

Animal Welfare Science Unit

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vetmeduni

Content

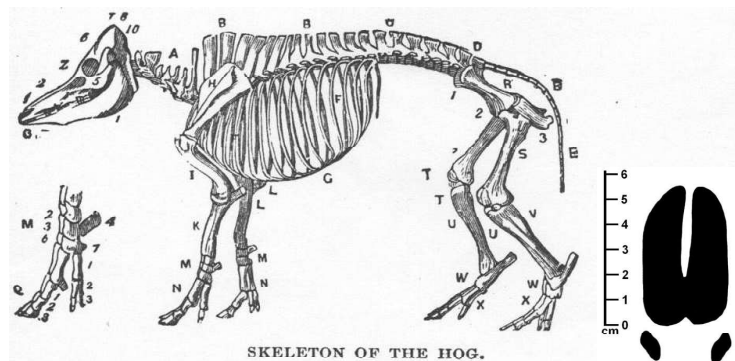
- Background
- Pig-Vetfarm Medau
- Precision monitoring in pig research
 - Pig housing & management
 - Pig behaviour, health & welfare
 - Transport and slaughter
 - Inside aWish – validation tail length algorithm

Pig Biology [Repetition]

Wild boar



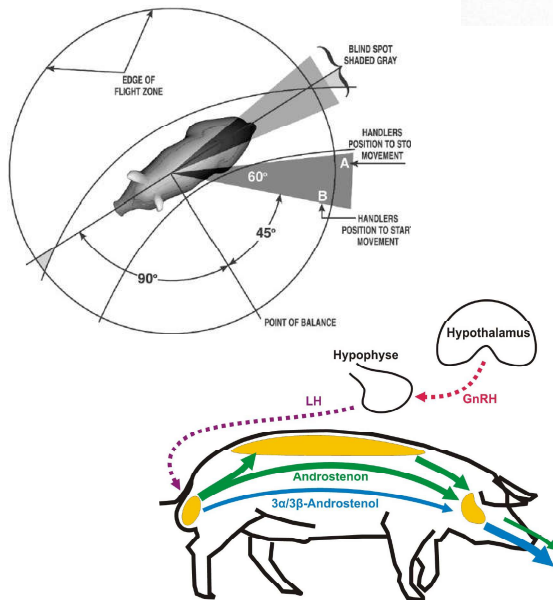
Ungulates



monogastric



omnivor



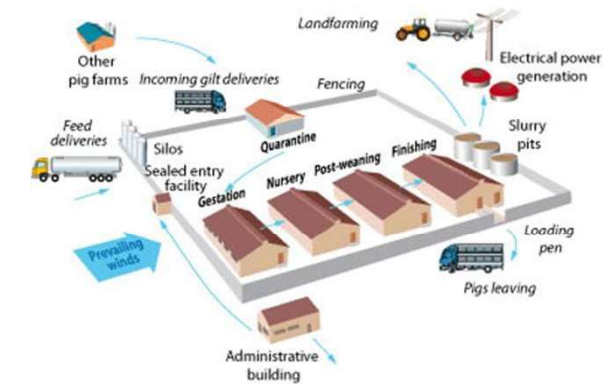
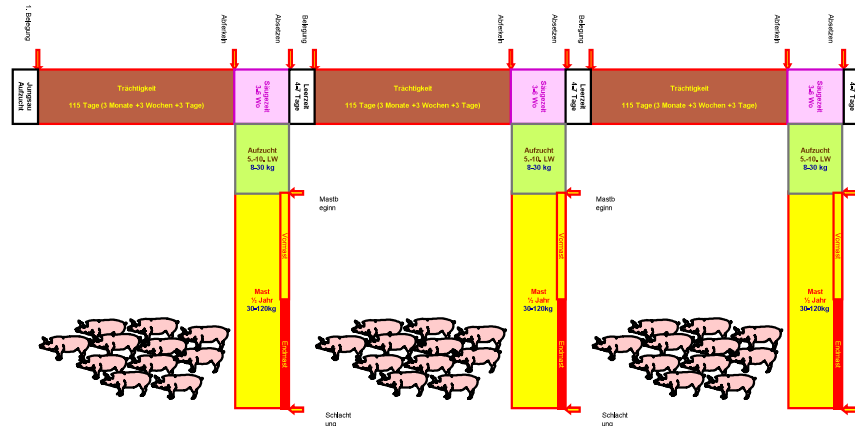
Behaviour

- Live in stable social groups
- Establish a dominance hierarchy
- Rest together
- Spend most time on foraging
- Distinct between lying and dunging area
- Thermoregulate by swallowing and huddling

COMPASSION
in world farming



Complex Pig Production System



3-Wochen-Rhythmus mit 4 Wochen Säugeperiode																																																				
Woche Gruppe	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
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II					G				JA	B			T													G					JA	B																				
III						G				JA	B			T													G					JA	B																			
IV							G				JA	B			T													G				JA	B																			
V	T										G			JA	B														G				JA	B																		
VI															G			JA	B											G				JA	B																	
VII		JA	B				T																																													

Ferkelerzeugung Ferkel bis 8 kg	Aufzucht 8 kg – 30 kg	Mast 30-120 kg	kombiniert
Ferkelerzeugung Ferkel bis 6 kg	Aufzucht 6-30 kg	Mast	
Ferkelerzeugung Ferkel bis 6 kg	Aufzucht 6-30 kg	Mast	spezialisiert
Ferkelerzeugung	Aufzucht	Mast	
Ferkelerzeugung	Aufzucht 1 6-17 kg	Aufzucht 2 17 – 45 kg	Mast 45 – 120 kg

